

three-dimensionally scanning the volume of the patient during a second appointment different than the first appointment, the scanning being in a second coordinate system;

registering the three-dimensional distribution with results from the scanning of the volume during the second appointment, thereby linking the first and second coordinate systems of the first and second appointments; and

imaging of the one or more lesions during the second appointment, the one or more lesions located during the image in the second coordinate system guided by the lesion locations in the first coordinate system.

17. The method of claim **16** wherein determining the three-dimensional distribution comprises locating an organ surface or locating landmarks.

18. The method of claim **16** wherein storing the location or locations comprises storing a plane position relative to the three-dimensional distribution and wherein storing the image comprises storing the image cropped to the one or more lesions.

19. The method of claim **16** wherein registering comprises registering the three-dimensional distribution from the first appointment with another three-dimensional distribution from the scanning of the second appointment.

20. The method of claim **16** wherein imaging comprises indicating placement of an imaging plane relative to the location or locations for the one or more lesions.

21. A method for aligning scans from different times with a medical imager, the method comprising:

scanning a patient during a first period;

determining a three-dimensional outside surface of the patient during the scanning of the first period;

scanning the patient during a second period at least a day apart from the first period;

determining a three-dimensional outside surface of the patient during the scanning of the second period;

registering the three-dimensional outside surface of the patient from the first period with the three-dimensional outside surface of the patient from the second period;

generating an image from the scanning the patient during the second period, the image based on the registering.

22. The method of claim **21** wherein determining during the first and second periods comprises determining with one or more depth sensors.

23. The method of claim **21** wherein generating the image comprises generating the image with a difference of the patient from the scanning from the second period from the scanning from the first period, the difference determined based on the registering.

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